Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ADA guidelines require a ratio of 12 ft of length to 1 ft of height. Use Pythagorean Theorem and Ratios to determine the x and y values.

Front Ramp:

X ft

2.5 ft

Y ft

X=\_\_\_\_\_\_\_\_\_\_ ft Work:

Y=\_\_\_\_\_\_\_\_\_\_ft

Back Ramp:

X ft

1.75 ft

Y ft

X=\_\_\_\_\_\_\_\_\_ft Work:

Y=\_\_\_\_\_\_\_\_\_ft